

TABLE XIV.—RATES FOR MAINTENANCE OF WAY.

Line.	Rise and Fall and Curvature per Mile.		Per Cent. of Increase due to			1 Per Cent. of Increase.	Rate per Train-mile.
	Rise and Fall, in Feet.	Degrees Curvature.	Rise and Fall.	Curvature.	Assistant Locomotive.		
<i>Outside Tunnel.</i>							
New Zealand Railways	12	36	1·87	3·09	...	1·0496	21·67
A ...	62·4	138·2	9·54	11·89	28·50	1·4993	30·95
A 1 ...	75	210	11·67	18·03	25·25	1·5495	31·98
A 2 ...	63·3	158	9·85	13·56	26·13	1·4954	30·87
A 3 ...	60·7	132·7	9·45	11·40	24·60	1·4545	30·02
A 4 ...	61·8	51	9·63	4·38	25·10	1·3911	28·72
B 1 ...	68·5	173	10·66	14·85	25·35	1·5086	31·15
B 2 ...	71·5	219	11·13	18·80	24·89	1·5482	31·96
B 3 ...	66·7	191	10·38	16·40	25·65	1·5243	31·46
<i>In Tunnel.</i>							
A ...	71·4	...	22·23	...	72·60	2·9483	60·86
A 1 ...	73·4	...	22·86	...	72·60	2·9546	60·99
A 2 ...	80	...	24·91	...	72·60	2·9751	61·42
A 3 ...	80	...	24·91	...	72·60	2·9751	61·42
A 4 ...	80	...	24·91	...	72·60	2·9751	61·42
B 1 ...	80	...	24·91	...	72·60	2·9751	61·42
B 2 ...	80	...	24·91	...	72·60	2·9751	61·42
B 3 ...	80	...	24·91	...	72·60	2·9751	61·42

NOTE.—In tunnels, the effect of rise and fall, and assistant engine as well as the cost of maintenance on straight, level track is taken as double the cost outside. Rise and fall is taken to be a rise with its corresponding fall: thus 26·4 ft. up and 26·4 ft. down equals 26·4 ft. rise and fall. (See Wellington and Webb.)

TABLE XV.—ANNUAL COST, IN POUNDS STERLING, OF MAINTENANCE OF WAY (OUTSIDE TUNNEL).

Trains each Way per Annum.	Line A.	Line A 1.	Line A 2.	Line A 3.	Line A 4.	Line B 1.	Line B 2.	Line B 3.
1	0·686	1·028	0·968	0·789	0·828	1·742	1·712	1·807
500	343	514	484	394·5	414	871	856	903·5
700	480·2	719·6	677·6	552·3	579·6	1,219·4	1,198·4	1,264·9
1,000	686	1,028	968	789	828	1,742	1,712	1,807

340, same as for 500.
 477, " 700.
 681, " 1,000.

TABLE XVI.—ANNUAL COST, IN POUNDS STERLING, OF MAINTENANCE OF WAY (IN TUNNEL.)

Trains each Way per Annum.	Line A.	Line A 1.	Line A 2.	Line A 3.	Line A 4.	Line B 1.	Line B 2.	Line B 3.
1	3·045	2·496	2·55	2·85	2·715	1·741	1·741	1·741
500	1,522·5	1,248	1,275	1,425	1,357·5	870·5	870·5	870·5
700	2,131·5	1,747·2	1,785	1,995	1,900·5	1,218·7	1,218·7	1,218·7
1,000	3,045	2,496	2,550	2,850	2,715	1,741	1,741	1,741

340, same as for 500.
 477, " 700.
 681, " 1,000.